In the United States Patent and Trademark Office

Appn. Number: **10/620,677**
Appn. Filed: **2003 Jul 16**
Applicants: **McNitt, Michael J.**
Appn. Title: **Method And System For Physical Motion Analysis And Training Of A
Golf Club Swing Motion Using Image Analysis Techniques**
Examiner/GAU: **Hadi Akhavannik**

Mailed: 2007 March 21 from Littleton, Colorado

Amendment A

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

In response to the Office Letter mailed 2007 Feb 06, please amend the above application as
follows:

CLAIMS

Cancel all claims of record and substitute new claims 21 – 27 as follows.

21. An analysis tool for capturing, analyzing, and measuring physical motion of a golf putter
    during a putting stroke, comprising:
   (a) one or more video image recording devices;
   (b) a computer processing environment for processing and storing video image data
       recorded by said video image recording devices;
   (c) a light reflective element attached to a surface of said golf putter whereby providing a
       target to record using said video recording devices, detect, and measure absolute
       linear and angular motion relative to a reference datum of said golf putter with respect
       to time;
   (d) a set of computer algorithms for processing said video image data as recorded from
       each single said video recording device containing recorded image representations of
       said light reflective element whereby determining a plurality of said absolute linear and
       angular motion measurements of said light reflective element relative to said reference
       datum, and thereby said golf putter to which said light reflective element is attached;
   (e) a display device providing means for presenting said absolute linear and angular
       motion measurements;